

STATE OF COLORADO

John W. Hickenlooper, Governor
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Executive Director and Chief Medical Officer

Dedicated to protecting and improving the health and environment of the people of Colorado

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Colorado Department
of Public Health
and Environment

November 21, 2011

Adam Eisele
US Environmental Protection Agency Region VIII
1595 Wynkoop Street
Denver, CO 80202-1129

Dear Adam,

As required, the Colorado Department of Health and Environment Air Pollution Control Division (APCD) is submitting a network site modification request form, for the proposed termination of the Lamar Power Plant PM₁₀ site as specified below.

PM₁₀ SLAMS Site/sampler Proposed Removal:
Lamar Power Plant AQS ID: 08-099-0001

The last sample to be collected at the Lamar Power Plant PM₁₀ monitoring site is planned for December 31, 2011 and the samplers will be removed in early 2012 as weather and time permits. The APCD plans to shut down the Power Plant site for the following reasons:

- 1) The Lamar Power Plant PM₁₀ site is not located in ambient air. The site is located on Lamar Light and Power property within the fenced area of the plant's property. The public does not have access to this area of the Lamar Light and Power plant's property.
- 2) The current monitoring site has air flow obstructions due to the taller power plant building wall 9.8 m to the north of the monitors. The current air flow is only from a little more than 180 degrees.
- 3) Lamar Light and Power Plant has been converted from a natural gas plant to a coal fired boiler plant. This will likely increase fugitive emissions from the coal piles that may or may not leave the plant property, but could impact the current monitoring location, which is not in ambient air.
- 4) The Lamar Municipal PM₁₀ site is located only 0.5 miles (0.8 km) to the southeast of the Lamar Power Plant PM₁₀ site. For a small city of 7,800 people and a land area of 4.23 square miles one PM₁₀ monitoring site is adequate.

5) The Lamar Power Plant PM₁₀ site has been recommended for removal in the Colorado Annual Monitoring Network Plan 2011 – 2012, which was approved by EPA on 9/20/11.

Enclosed is the associated Ambient Air Monitoring Network Modification Request Form.

If you have any questions or need further information, you can reach me at (303) 692-3235.

Sincerely,

Patrick R. McGraw
Particulate Monitoring Supervisor

cc: Gordon Pierce

Enclosures: PM2.5 Ambient Air Monitoring Network Modification Form.

**REGION VIII AMBIENT AIR MONITORING
NETWORK MODIFICATION REQUEST FORM
(VERSION 2, 4/1/2004)**

Date: 11/21/2011 City: Lamar State: Colorado
 AIRS #: 08-099-0001 Site Name: Lamar Power Plant
 Address: 100 N. 2ND AVE.

Proposed Modification/ Reason Why: PM10 site is not located in ambient air. Redundant with Lamar Municipal site. There are air flow obstructions around monitors.

Check One or More Boxes Below

Air Quality Parameter	Monitor Type	Max Conc.	Source Impact	Population Exposure	Background	Equipment
PM10-81102	2		x			Hi-Vol Sierra Anderson 1200

Proposed Sampling Start or Removal Date: 12/31/2011

Check One:

Started:

Removed: x

Estimated Measurements For All Air Quality Parameters:

Location (Lat./Long. or UTM): Zone 13, 709248 E, 4218596 N

Site Elevation (M. MSL): 1107 **Probe Height (m AGL):** 11.9

Distance to Tree Drip line	Direction to Tree	Distance to Obstacle (m)	Direction to Obstacle	Obstacle Height Above Probe (m)	Obstacle Comments
N/A		9.8 m	north	4.5 m	Upper Roof
					Wall

Unrestricted Air Flow (check one):

> 270 Deg.

> 180 Deg.

< Criteria

x

Deg.

Distance to Flues/ Incinerators (M):

N/A

Distance to Intersections (M):

Distance to Edge of Nearest Roadway	Name of Road	Direction	Daily Traffic Estimates	Year of Traffic Estimates	Type of Roadway	Comments
76 m	Poplar St.	North	1,000	2002	6 Local	
		East				
		South				
102 m	2nd St.	West	1,000	2002	6 Local	

Distance From Supporting Structures (m):

Vertical:

2

Horizontal:

Distance From Nearest Point Source (Miles):	Direction To Point Source	Distance to Nearest Area Source (Miles)	Direction to Area Source	Comments
Proximate	Surrounds site			

CERTIFICATION:

I certify the site or network modification proposed above meets all 40 CFR 58, Appendix E siting criteria, except as noted with submittal.

Signature: